

2006 BCI Bat Conservation and Management Workshop – Barree, PA

PA: Huntingdon County, Blair County

Summary of Capture Data

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Session I

Day 01: 08 August 2006

Location #1: Experimental Forest at Masseyburg Road access to Shaver's Creek. Start Time: 1940 End Time: 2205. Start Temp: 21.7°C End Temp: 16.3°C

Site #1: One triple-high 6-meter net set over road.

Eptesicus fuscus, big brown bat 3 (1 female (pl), 2 males)

Myotis lucifugus, little brown myotis 1 female (pl)

Total species = 2

Total individuals = 4

Site #2: One 2.6-meter net set over road just before Site #1, plus one 9-meter net and one 12-meter net set in a narrow V-formation on road over culvert.

Total species = 0

Total individuals = 0

Site #3: One 6-meter net plus two triple-high 9-meter nets and two triple-high 6-meter nets all set over road.

Eptesicus fuscus, big brown bat 2 (1 female (pl), 1 male (s))

Myotis septentrionalis, northern myotis 3 (1 female (nr), 2 males (1s, 1nr))

Total species = 2

Total individuals = 5

Site #4: One 6-meter net and two 9-meter nets set over stream.

Myotis lucifugus, little brown myotis 1 female (nr)

Total species = 1

Total individuals = 1

Site #5: One harp trap set over stream.

Total species = 0

Total individuals = 0

Site #6: Two 6-meter nets set parallel over large standing pool plus one 6-meter net and one 9-meter net set down stream over pools on either side of bend in stream.

Eptesicus fuscus, big brown bat 1 female (pl)

Lasiurus borealis, red bat 1 male

Myotis lucifugus, little brown myotis 4 (1 female (pl), 3 males (2s, 1u))

Total species = 3

Total individuals = 6

Grand Total Species = 4

Grand Total Individuals = 16

Day 02: 09 August 2006

Location #1: Trough Creek State Park. Start Time: 2030 End Time: 2345. Start Temp: 19.6°C End Temp: 16.9°C

Site #1: One 12-meter net plus two triple-high 12-meter nets set over still water in creek.

Eptesicus fuscus, big brown bat 1 male

Myotis leibii, eastern small-footed myotis 1 male

Myotis lucifugus, little brown myotis 7 (1 female (pl), 6 males)

Pipistrellus subflavus, eastern pipistrelle 1 male

Total species = 4

Total individuals = 10

f = female, m = male, a = adult, j = juvenile

p = pregnant, l = lactating, pl = post-lactating, nr = non-reproductive, s = scrotal, u = unknown
unless otherwise noted, all bats are assumed adult and males are assumed to be non-reproductive

Site #2: Two triple-high 12-meter nets set over water.
Eptesicus fuscus, big brown bat 1 male
Lasiurus borealis, red bat 1 male (s)
Myotis lucifugus, little brown myotis 6 (3 females (pl), 3 males (2nr, 1j-nr))
Myotis septentrionalis, northern myotis 1 female (pl)
Total species = 4
Total individuals = 9

Site #3: One 9-meter net and two triple-high 12-meter nets over water.
Lasiurus borealis, red bat 3 (1 female (j-nr), 2 males (s))
Myotis lucifugus, little brown myotis 14 (7 females (3pl, 4nr), 7 males (6s, 1nr))
Pipistrellus subflavus, eastern pipistrelle 1 male (j-nr)
Total species = 3
Total individuals = 18

Site #4: Two 6-meter triple-high nets set over trail above creek.
Lasiurus borealis, red bat 1 male (j-nr)
Myotis lucifugus, little brown myotis 3 (2 females (1pl, 1j-nr), 1 male (j-nr))
Myotis septentrionalis, northern myotis 1 female (j-nr)
Total species = 3
Total individuals = 5
Grand Total Species = 6
Grand Total Individuals = 42

Day 03: 10 August 2006

Location #1: Canoe Creek Mine. Start Time: 2100 End Time: 2230. Start Temp: 22.5°C End Temp: N/A

Site #1: One harp trap set in front of Canoe Creek Mine main entrance.
Myotis lucifugus, little brown myotis 597 (316 females (u), 281 males (u))
Total species = 1
Total individuals = 597

Site #2: Two 6-meter nets and one 12-meter net set in an open box formation in grassy area below second mine entrance plus two 12-meter nets set end to end along bluff edge.
Myotis lucifugus, little brown myotis 100 (53 females (u), 47 males (u))
Myotis septentrionalis, northern myotis 3 (2 females (u), 1 male (u))
Total species = 2
Total individuals = 103
Grand Total Species = 2
Grand Total Individuals = 700

Day 04: 11 August 2006

Location #1: State Game Lands #166, Beaver Ponds. Start Time: 2140 End Time: 2415. Start Temp: 17.4°C
End Temp: 14.2°C

Site #1: One 9-meter net set over pool in stream bed and one triple-high 9-meter net set downstream, plus two triple-high 12-meter nets set over road.

Eptesicus fuscus, big brown bat 2 females (1nr, 1j-nr)
Lasiurus borealis, red bat 4 (2 females (1nr, 1j-nr), 2 males (1nr, 1j-nr))
Myotis leibii, eastern small-footed myotis 1 female (j-nr)
Myotis lucifugus, little brown myotis 8 (1 female (j-nr), 7 males (1s, 4nr, 2j-nr))
Myotis septentrionalis, northern myotis 3 (2 females (nr), 1 male (s))
Pipistrellus subflavus, eastern pipistrelle 2 males (1s, 1nr)
Total species = 6
Total individuals = 20

Location #2: Huntingdon Rocks. Start Time: 2030 End Time: 2230. Start Temp: N/A End Temp: 17.3°C

Site #1: One 6-meter net set in front of cave crevice.

<i>Eptesicus fuscus</i> , big brown bat	2 (1 male, 1 unknown)
<i>Myotis lucifugus</i> , little brown myotis	23 (12 females (4pl, 6nr, 2j-nr), 11 males (9nr, 2j-nr))
<i>Myotis</i> sp., unknown	1 unknown
Total species =	2
Total individuals =	26

Location #3: Petersburg Cave. Start Time: 2030 End Time: 2345. Start Temp: 19.3°C End Temp: 15°C

Site #1: One 2.6-meter net set at cave entrance.

<i>Eptesicus fuscus</i> , big brown bat	4 (1 female (j-nr), 3 males (2nr, 1j-nr))
<i>Myotis lucifugus</i> , little brown myotis	24 (10 females (1pl, 2nr, 7j-nr), 14 males (2nr, 12j-nr))
<i>Myotis septentrionalis</i> , northern myotis	5 males (3nr, 2j-nr)
<i>Pipistrellus subflavus</i> , eastern pipistrelle	2 males (1nr, 1j-nr)
Total species =	4
Total individuals =	35
Grand Total Species =	6
Grand Total Individuals =	81

Summary of Capture Results – Session I: 7–12 August 2006

Two 2.6-meter mist nets, Seven 6-meter mist nets, Four 9-meter mist nets, Four 12-meter mist nets,
Three triple-high 6-meter nets, One triple-high 9-meter net, Eight triple-high 12-meter nets, and Two harp traps
(Total net/hrs = 95)

<i>Eptesicus fuscus</i> , big brown bat	16 (6 f (3pl, 1nr, 2j-nr), 9 m (1s, 7nr, 1j-nr), 1u)
<i>Lasiurus borealis</i> , red bat	10 (3 f (1nr, 2j-nr), 7 m (3s, 2nr, 2j-nr))
<i>Myotis leibii</i> , eastern small-footed myotis	2 (1 f (j-nr), 1 m)
<i>Myotis lucifugus</i> , little brown myotis	788 (408 f (15pl, 13nr, 11j-nr, 369u) (380 m (9s, 24nr, 18j-nr, 329u))
<i>Myotis septentrionalis</i> , northern myotis	16 (7 f (1pl, 3nr, 1j-nr, 2u), 9 m (2s, 5nr, 2j-nr))
<i>Myotis</i> sp., unknown	1u
<i>Pipistrellus subflavus</i> , eastern pipistrelle	6 m (1s, 3nr, 2j-nr)
Total Species =	6
Total Individuals =	839

f = female, m = male, a = adult, j = juvenile

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